

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-23 17:29:27

Date of Next Testing: 2029-05-22 17:29:27

Product Name: **Calcium hydride**

CAS Number: 7789-78-8

Specifications & Purity: AR, ≥95%

Lot #: E2514151

SKU #: **C108375**

Version: **0**

Analysis #: **517000**

Storage Temperature: Room temperature, Desiccated

| Parameter                      | Limit Values                   | Result                         |
|--------------------------------|--------------------------------|--------------------------------|
| Hydrogen by Elemental Analysis | 4-4.9 (%)                      | 4.60000 %                      |
| Purity(Hydrogen Evolution)     | 94-106 (%)                     | 98.52100 %                     |
| Appearance (C108375)           | Powder, Crystals and/or Chunks | Powder, Crystals and/or Chunks |
| X-Ray Diffraction              | Conforms to Structure          | Conforms to Structure          |



John Su  
QA & QC Manager